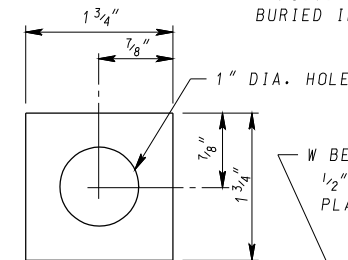


1/2" STEEL PLATE

(GALVANIZED)
WELDED OR BOLTED TO
POSTS ① AND ②
BURIED IN BACK SLOPE



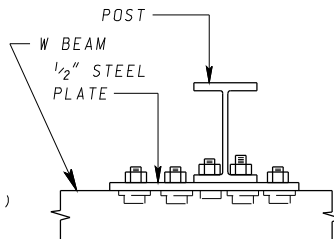
SQUARE WASHER

(3/16" THICK GALVANIZED)

THREE (3) 1" DIA. HOLES TO BE FIELD DRILLED IN W BEAM ELEMENT AND ATTACHED WITH 5/8" DIA. HEX. HEAD BOLTS 1 1/2" LONG EACH WITH ONE SQUARE WASHER AND HEX NUT

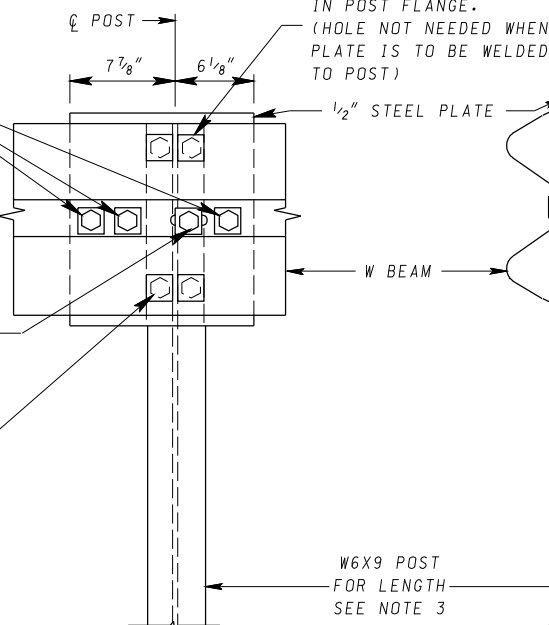
1" DIA. HOLE TO BE FIELD DRILLED THROUGH W BEAM AND THROUGH POST FLANGE. ATTACH W BEAM WITH 5/8" HEX. HEAD BOLT 2" LONG WITH ONE SQUARE WASHER AND HEX NUT

DRILL EXTRA 1 3/16" DIA. HOLE IN POST FLANGE. (HOLE NOT NEEDED WHEN PLATE IS TO BE WELDED TO POST)



PLAN VIEW

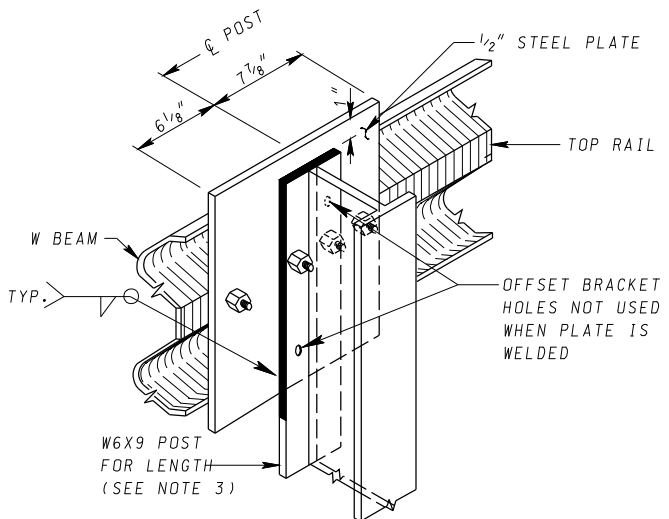
(BOLTED)



FRONT VIEW

END VIEW

1/2" STEEL PLATE BOLTED TO POSTS ① & ②



1/2" STEEL PLATE ATTACHED TO POSTS ① & ②

NOTES

1. THE 1/2" STEEL PLATE SHALL CONFORM TO THE REQUIREMENTS OF A-36. THE PLATE MAY BE WELDED OR BOLTED TO POSTS ① AND ② BURIED IN THE CUT SLOPE.
2. FIELD DRILLED HOLES AND WELDED AREAS SHALL BE COATED WITH ZINC RICH PAINT.
3. SINGLE OR DOUBLE RAIL POSTS ① AND ② LENGTH 4'-0". POST ③ LENGTH 8'-0" WHEN DOUBLE RAIL IS USED. FOR SINGLE RAIL POST ③ LENGTH IS 6'-0"
4. A STEEL PLATE SHALL BE USED ON POST ③ WHEN THE DOUBLE RAIL SYSTEM IS USED.

DRILL EXTRA HOLE IN POST FLANGE. (HOLE NOT NEEDED WHEN PLATE IS TO BE WELDED TO POST)

BOLT PLATE TO POST WITH FOUR (4) 5/8" DIA. HEX. HEAD BOLTS EACH 1 1/2" LONG WITH HEX. NUTS

THESE DETAILS ARE APPLICABLE TO POSTS ① AND ② ONLY.

SPECIFICATION 605	CATEGORY CODE ITEMS										
APPROVED <i>Kirk G. McCall</i> DIRECTOR - OFFICE OF HIGHWAY DEVELOPMENT											
SHA State Highway Administration	<table> <tr> <td>APPROVAL • SHA REVISIONS</td><td>APPROVAL • FEDERAL HIGHWAY ADMINISTRATION</td></tr> <tr> <td>APPROVAL 4-6-88</td><td>APPROVAL 4-22-90</td></tr> <tr> <td>REVISED 3-15-06</td><td>REVISED 4-5-06</td></tr> <tr> <td>REVISED</td><td>REVISED</td></tr> <tr> <td>REVISED</td><td>REVISED</td></tr> </table>	APPROVAL • SHA REVISIONS	APPROVAL • FEDERAL HIGHWAY ADMINISTRATION	APPROVAL 4-6-88	APPROVAL 4-22-90	REVISED 3-15-06	REVISED 4-5-06	REVISED	REVISED	REVISED	REVISED
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Maryland Department of Transportation
STATE HIGHWAY ADMINISTRATION
STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES
TRAFFIC BARRIER W BEAM WITH
TYPE A END ANCHORAGE
(OPTION 1)

STANDARD NO.

MD 605.01-02